PATENT COOPERATION TREMIY

MAY 3 0 1006

From the INTERNATIONAL SEARCHING AUTHORITY	PCT
To: JONES DAY Attn. Markey, James G. 222 East 41st Street New York, NY 10017-6702 UNITED STATES OF AMERICA	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION
	(PCT Rule 44.1)
	Date of mailing (day/month/year) 23/05/2006
Applicant's or agent's file reference	
6750-209-228	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US2005/009734	International filing date (day/month/year) 23/03/2005
Applicant	
EURO-CELTIQUE S.A.	
Authority have been established and are transmitted herew Filing of amendments and statement under Article 19: The applicant is entitled, If he so wishes, to amend the clair When? The time limit for filing such amendments is not International Search Report. Where? Directly to the International Bureau of WIPO, 3-1211 Geneva 20, Switzerland, For more detailed instructions, see the notes on the account of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) to that effect and the written opinion of the International search Article 17(2)(a) t	ms of the International Application (see Rule 46): rmally two months from the date of transmittal of the 4 chemin des Colombettes ascimile No.: (41–22) 338.82.70 ompanying sheet. h report will be established and that the declaration under nternational Searching Authority are transmitted herewith.
Shortly after the expiration of 18 months from the priority date, to International Bureau. If the applicant wishes to avoid or postpone application, or of the priority claim, must reach the International before the completion of the technical preparations for international The applicant may submit comments on an informal basis on the International Bureau. The International Bureau will send a copy of international preliminary examination report has been or is to be the public but not before the expiration of 30 months from the priority date, but only in respect of so examination must be filed if the applicant wishes to postpone the date (in some Offices even later); otherwise, the applicant must,	e publication, a notice of withdrawal of the international Bureau as provided in Rules 90 bis.1 and 90 bis.3, respectively, and publication. It written opinion of the International Searching Authority to the possible of such comments to all designated Offices unless an established. These comments would also be made available to ority date. It would be a supported offices, a demand for international preliminary and the national phase until 30 months from the priority within 20 months from the priority date, perform the prescribed
acts for entry into the national phase before those designated Of In respect of other designated Offices, the time limit of 30 month months.	ffices.
See the Annex to Form PCT/IB/301 and, for details about the ap	plicable time limits, Office by Office, see the PCT Applicant's

Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Marthe Oldendorf

Authorized officer

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims,description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*, Annexes B1 and B2).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see PCT Applicant's Guide, Volume I/A, paragraph 296).

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220	
6750-209-228	ACTION		as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)		(Earliest) Priority Date (day/month/year)
PCT/US2005/009734 23/03/2005 30/03			30/03/2004
Applicant			
EURO-CELTIQUE S.A.			
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International S ansmitted to the International Bur	earching Aut eau.	hority and is transmitted to the applicant
This International Search Report consists	of a total of4	sheets.	
X It is also accompanied by	a copy of each prior art documer	nt cited in this	report.
Basis of the report	international accreb was carried	out on the ha	sis of the international application in the
language in which it was filed, unl	ess otherwise indicated under the	s item.	33 of the meeting approach, in the
The international this Authority (Ru		sis of a trans	lation of the international application furnished to
•		ice disclosed	in the international application, see Box No. I.
2. X Certain claims were fou	ind unsearchable (See Box II).		•
3. Unity of invention is lac	king (see Box III).		
4 Nation and an inches			
4. With regard to the title , X the text is approved as su	ubmitted by the applicant.		
	shed by this Authority to read as f	ollows:	
5. With regard to the abstract,	A the law de analyses		
	ubmitted by the applicant.	w this Author	ity as it appears in Box No. IV. The applicant
may, within one month from	om the date of mailing of this inte	mational sea	rch report, submit comments to this Authority.
6. With regard to the drawings,			
a. the figure of the drawings to be	published with the abstract is Figi	ıre No. <u>1</u>	
X as suggested by			
<u> </u>	is Authority, because the applica		
	is Authority, because this figure to	etter charact	erizes the invention.
b none of the figures is to t	be published with the abstract.		

I' 'ERNATIONAL SEARCH REPORT

International Application No PCT/US2005/009734

A. CLASSIFICATION OF SUBJECT MATTER INV. A61K9/14					
According to	International Patent Classification (IPC) or to both national classification	on and IPC			
B. FIELDS S					
	cumentation searched (classification system followed by classification	symbols)			
Documentati	on searched other than minimum documentation to the extent that suc	ch documents are included in the fields sea	arched		
Electronic da	ata base consulted during the international search (name of data base	and, where practical, search terms used)			
	ternal, WPI Data, BIOSIS, EMBASE				
C. DOCUME	NTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relev	vant passages	Relevant to claim No.		
Х	WO 02/051389 A (ASPEN AEROGELS, IN 4 July 2002 (2002-07-04) page 4, last paragraph - page 5, p		1-3,10, 11,57,61		
	page 8, last paragraph - page 10, paragraph 1 claims				
A	DE 43 25 465 A1 (ZENZ, MICHAEL, PI DR.MED., 44797 BOCHUM, DE; JURNA, PROF. DR) 2 February 1995 (1995-02 example 9	ILMAR,	1-71		
A	US 2003/143269 A1 (OSHLACK BENJAM) 31 July 2003 (2003-07-31) cited in the application column 3, line 31 - column 4, line examples claims		1-71		
Furt	her documents are listed in the continuation of box C.	χ Patent family members are listed i	n annex.		
T tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *E* earlier document but published on or after the international *X* document of particular relevance; the claimed invention					
filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or cannot be considered novel or					
P docum	other means "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family				
	actual completion of the international search	Date of malling of the international sea	arch report		
1	10 May 2006 23/05/2006				
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer			
NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Epskamp, S					

International application No. PCT/US2005/009734

INTERNATIONAL SEARCH REPORT

Box II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This Inter	mational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
	Although claims 69 and 70 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition.
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Inte	emational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remari	k on Protest The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.

F TERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/US2005/009734

Patent document cited in search report		Publication date				Publication date	
WO 02051389	A	04-07-2002		0115524	A1 A A2 T	16-09-2003 04-07-2002 10-03-2004 17-09-2003 03-06-2004 25-01-2005	
DE 4325465	A1	02-02-1995	NONE				
US 2003143269	A1	31-07-2003	US 20 US 20	004186121	41 41	23-09-2004 18-08-2005 13-05-2004 23-02-2006	

PATENT COOPERATION REATY

То:					PCI		
see form PCT/ISA/220					WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORIT (PCT Rule 43 <i>bis</i> .1)		
				Date of maili			
	cant's or agent's file r			FOR FUR	THER ACTION ph 2 below		
	ational application N US2005/009734		International fili 23.03.2005	ng date (day/month/year	Priority date (day/month/year) 30.03.2004		
	ational Patent Class	ification (IPC) or	both national clas	sification and IPC			
		· · · · · · · · · · · · · · · · · · ·					
Applio EUF	cant RO-CELTIQUE S	5.A.					
1. `	This opinion co	ntains indicati	ons relating to	the following items	:		
	☑ Box No. I	Basis of the op	oinion				
	☐ Box No. II	Priority					
	Box No. III	Non-establish	ment of opinion	with regard to novelty	, inventive step and industrial applicability		
	☐ Box No. IV	Lack of unity of	of invention				
	☑ Box No. V	Reasoned sta applicability; of	tement under R itations and exp	ule 43 <i>bis</i> .1(a)(i) with planations supporting	regard to novelty, inventive step or industrial such statement	ı	
	☐ Box No. VI	Certain docum					
	☐ Box No. VII			tional application			
	☐ Box No. VIII	Certain obser	vations on the i	nternational applicatio	n		
2.	FURTHER ACTI						
	written opinion o	of the Internation Ooses an Autho Teau under Rule	nal Preliminary wity other than t	Examining Authority (his one to be the IPE/	pinion will usually be considered to be a "IPEA") except that this does not apply where a and the chosen IPEA has notifed the is International Searching Authority	e	
	الكل مطفيفة فليسطين	EA a written rep mailing of Forn	dy together wh	ere appropriate, with a	on of the IPEA, the applicant is invited to amendments, before the expiration of 3 mon n of 22 months from the priority date,	ths	
	For further optio	ns, see Form F	CT/ISA/220.				
3.	For further detai	ils, see notes to	Form PCT/ISA	220.			
Nan	ne and mailing addre	ess of the ISA:		Date of completion of this opinion	Authorized Officer	es Peterri	
	NL-2280 I	ı Patent Office - F HV Rijswijk - Pay 70 340 - 2040 Tx:	P.B. 5818 Patentla s Bas	ag ee form PCT/ISA/210	Epskamp, S	9	

Form (PCT/ISA/237) (Cover Sheet) (April 2005)

MP16 Rec'd PCT/PTO 20 SEP 2006 10/593506 International application No. PCT/US2005/009734

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

_	Box	No	. I Basis of the opinion
1.	With	re	gard to the language, this opinion has been established on the basis of:
		the	international application in the language in which it was filed
		a tı pui	anslation of the international application into , which is the language of a translation furnished for the poses of international search (Rules 12.3(a) and 23.1 (b)).
2.	With	re	gard to any nucleotide and/or amino acid sequence disclosed in the international application and ary to the claimed invention, this opinion has been established on the basis of:
	a. ty	pe	of material:
)	a sequence listing
		3	table(s) related to the sequence listing
	b. fo	rm	at of material:
)	on paper
		כ	in electronic form
	c. tir	me	of filing/furnishing:
			contained in the international application as filed.
			filed together with the international application in electronic form.
		3	furnished subsequently to this Authority for the purposes of search.
3	. 🗆	ha	addition, in the case that more than one version or copy of a sequence listing and/or table relating theretous been filed or furnished, the required statements that the information in the subsequent or additional pies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US2005/009734

	No. III Non-establishment of opinion with regard to novelty, inventive step and industrial licability
Tho	questions whether the claimed invention appears to be novel, to involve an inventive step (to be non ous), or to be industrially applicable have not been examined in respect of
	the entire international application
\boxtimes	claims Nos. 69 and 70 with respect to industrial applicability
bec	ause:
\boxtimes	the said international application, or the said claims Nos. 69 and 70 with respect to industrial applicability relate to the following subject matter which does not require an international search (specify):
	see separate sheet
	the description, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear that no meaningful opinion could be formed (specify):
	the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed (specify):
	no international search report has been established for the whole application or for said claims Nos.
	a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:
	furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
	furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
	pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13 ter.1(a) or (b).
	a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Searching Authority in a form and manner acceptable to it.
	the tables related to the nucleotide and/or amino acid sequence listing, if in electronic form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.
\boxtimes	See Supplemental Box for further details

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

4-9, 12-56, 58-60 and 62-71

No: Claims

1-3, 10, 11, 57 and 61

Inventive step (IS)

Yes: Claims

No: Claims

1-71

Industrial applicability (IA)

Yes: Claims No: Claims 1-68 and 71

2. Citations and explanations

see separate sheet

10/593506

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SEPARATE SHEET)

International application No.

PCT/US2005/009734

Re Item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

- 1 Claims 69 and 70 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34(4)(a)(I) PCT).
- 2 Present independent claims 1, 12, 40, 57 and 63 relate to a compound which has been defined by the term "adverse agent". However, this term as such is unclear (Article 6 PCT), and the description does not provide sufficient support and disclosure in the sense of Article 6 and 5 PCT for such compounds, nor is there common general knowledge of this kind available to the person skilled in the art (see point V-1). This non-compliance with the substantive provisions is to such an extent, that the search was performed taking into consideration the non-compliance in determining the extent of the search of the claim (PCT Guidelines 9.19 and 9.20).

The search of these claims was consequently restricted to the specifically disclosed "adverse agents" mentioned in the description, §§ 92-100 (see also claim 21), and to the broad concept of "opioid antagonist" (see e.g. claim 18).

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

D1: WO 02/051389 A D2: DE 43 25 465 A D3: US 6,696,088 B

Clarity, support, disclosure

1 - The term "adverse agent" per se is vague and unclear and does not allow the skilled person to determine the scope of protection sought. Furthermore, the definition of the term "adverse agent" given in the description (§§ 36, 92) implies that the dosage form must contain another active agent in order for a pharmaceutical agent to be called an "adverse agent", while in e.g. claim 1 no other pharmaceutical agent than the adverse agent is defined. Thus the term "adverse agent" without its relation to another active agent is

essentially meaningless.

Consequently independent claims 1, 12, 40, 57 and 63 lack clarity (Art. 6 PCT). As the application fails to provide a clear definition of the term "adverse agent", nor is one generally accepted in the state of the art, the application as a whole lacks disclosure in this respect (Art. 5 PCT), and the claims referred to above lack support over the full scope of the claims (Art. 6 PCT).

2 - Claims 12, 27 and 40 include all features of claim 1, but are worded as independent claims, contrary to Rule 6.4(a) PCT. Consequently, no detailed opinion on novelty and inventive step will be given regarding these claims.

Novelty

- 1 The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claims 1-3, 10, 11, 57 and 61 is not new in the sense of Article 33(2) PCT (see Item III-2).
- 2 Document D1 (page 4, last par page 5, first par.; page 8, last par. page 10, first par.; claims) discloses a powder for inhalation comprising a therapeutic agent and aerogel particles. In one embodiment, aerogel particles from e.g. glucose are prepared, followed by deposition of naltrexone base on the pores of the particles from a solution of supercritical CO₂.

Consequently, claims 1-3, 10, 11, 57 and 61 lack novelty over D1.

3 - Claims 4-9, 12-56, 58-60 and 62-71 as far as allowable under Articles 5 and 6 PCT, are considered novel.

Inventive Step

- 1 Lacking novelty, claims 1-3, 10, 11, 57 and 61 cannot be considered inventive (Article 33(3) PCT).
- 2 Claims 4-9, 12-56, 58-60 and 62-71 do not appear to contain any additional features which, in combination with the features of any claim to which they refer, (are either new or) involve an inventive step with respect to the prior art named in the present proceedings. The reasons therefor are that the additional features of the said dependent claims are either a combination of features obvious to the skilled person in consideration of document D1-D3, or they concern minor modifications which lie within the normal practice of the skilled person.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SEPARATE SHEET)

International application No.

PCT/US2005/009734

Industrial Applicability

Claims 1-68 and 71 as far as allowable under Articles 5 and 6 PCT, fulfill the requirements of Article 33(4) PCT (see Item III-1 and 2).